

9th Class 2017

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| Chemistry | Group-II | Paper-I |
| Time: 15 Minutes | (Objective Type) | Max. Marks: 12 |

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- Which one of the following solutions contain more water:

- (a) 2 M
- (b) 1 M
- (c) 0.5 M
- (d) 0.25 M ✓

2- ---- is a non-electrolyte:

- (a) NaCl solution
- (b) NaOH solution
- (c) Sugar solution ✓
- (d) H_2SO_4 solution

3- The molecule which has triple covalent bond:

- (a) H_2
- (b) O_2
- (c) N_2 ✓
- (d) C_2H_4

4- The oxidation number of Cl in $KClO_3$ is:

- (a) +4
- (b) +5 ✓
- (c) +6
- (d) +7

5- The percentage of nitrogen in air is:

- (a) 70 %
- (b) 78 % ✓
- (c) 21 %
- (d) 20 %

6- Mist is an example of solution:

- (a) Liquid in gas ✓
- (b) Gas in liquid
- (c) Solid in gas
- (d) Gas in solid

7- The mass of one molecule of water is:

- (a) 18 amu ✓
- (b) 19 amu
- (c) 20 amu
- (d) 25 amu

- 8- The gas with maximum rate of diffusion is:
(a) Helium (b) Hydrogen ✓
(c) Fluorine (d) Chlorine
- 9- Who discovered atomic number:
(a) Dalton (b) Moseley ✓
(c) Rutherford (d) Bohr
- 10- The isotope used to generate electricity in nuclear reactor is:
(a) C - 12 (b) U - 235 ✓
(c) Co - 60 (d) P - 32
- 11- The most reactive metal is -----:
(a) Sodium ✓ (b) Zinc
(c) Copper (d) Gold
- 12- The shortest period of periodic table is:
(a) Fourth (b) Third
(c) Second (d) First ✓